# The CZAR'S S The Mystery of a Silent Love Chevalier WILLIAM LE QUEUX AUTHOR of "THE CLOSED BOOK," ETC. ILLUSTRATIONS 64 C.D.RHODES

SYNOPSIS.

Gordon Gregg, dining aboard with Horney, the yacht Loia's owner, accidentally sees a torn photograph of a young girl. That might the consul's safe is robbed. The police find that Hornby is a fraud and the Loia's name a false one. In London Gregg is trapped nearly to his death by a former servant Olinto, Visiting in Dumfries Gregg meets Muriel Leithcourt. Hornby appears and Muriel introduces him as Martin Woodroffe, her father's friend. Gregg sees a copy of the torn photograph on the Loia and finds that the young girl is Muriel's friend. Woodroffe disappears are free gregg discovers the body of a murdered woman in Ranmoch wood. The body disappears and in its place is found the body of Armida, Olinto's wife. When the police go to the wood the body has disappeared. In London Gregg meets Olinto, alive and well. Gregg traces the young girl of the torn photograph, and finds that she is Elma Reath, nicee of Baren Oberg, who has lasted the fregg finds the Leithcourts fled from Hylton Chaier, who had called there. He goes to Abo, and after a tilt with the police chief, is conducted to Kajana, where he finds Elma, inprisoned. A survival continued. -11-

#### CHAPTER XI-Continued.

The unfortunate girl whom I was there to rescue drew buck in fright against the wall for a single second, hulking fellow, she sprang forward, His fingers had lost the trigger, and he an old trick learned at Uppingham I nearly fell.

An oath escaped him, yet in that moment Elma succeeded in twisting the gun from his sinewy hands, which I now held with a strength begotten of a knowledge of my imminent peril. He was huge and powerful, with a strength far exceeding my own, yet I had been reckoned a good wrestler at Uppingham, and now my knowledge of that most ancient form of combat held me in good stead. He shouted for help, his deep, hoarse voice sounding along the stone corridors.

As we were struggling desperately. the English girl slipped past us with the curbine in her hand, and with a quick movement dragged open the beavy door that gave exit to the lake. I beard a splash, and saw that Elma no longer held the sentry's weapon in her hands. Then at the same moment I heard a voice outside cry in a low "Courage, excellency! Courage I will come and help you."

It was the faithful Finn, who had been awaiting me in the deep shadow, and with a few strokes pulled his book up to the narrow rickety ledge ou. de the door.

"Take the lady!" I succeeded in gasping in Russian, "Never mind me," and I saw to my satisfaction that he guided Elma to step into the boat, which at that moment drifted past the little platform.

I struggled valiantly, but I was slow ly being vanquished. Mine was a fight for life. A sudden idea flashed across my mind, and I continued to struggle, at the same time gradually forcing my enemy backward towards the door. He carsed and swore and shouted until, with a sudden and almost superhuman effort, I tripped him, bringing his head into violent contact with the stone lintel of the door.

There was the sound of the crashing of wood as the rotten platform gave way, a loud splash, and he sank like a stone, for although I stood watching for him to rise, I could only distinguish the woodwork floating away with the current.

As I stood there in horror at my deed of self-defense, the place suddenly resounded with shouts of alarm, and in the tower above me the great old rusty bell began to swing, ringing its single word. brazen note across the broad expanse of waters. Behind me in the passage I saw a light and the glitter of arms. A shot cang out, and a bullet whizzed that of our friend, the Finn. past me. Then I jumped, and nearly upset the boat, but taking an oar I began to row for life, and as we drew away from those grim, black walls the fire belched forth from three rifles.

Again the guards fired upon us, but in the darkness their aim was faulty. from the haze, a loud report, and a of the castle, and we could see that head. the greatest commotion had been The men at the door in the tower were grasping my hand and half dragging shouting to the patrol boats, calling them to row us down and capture us, placed Elma upon the bank. but by plying our oars rapidly we shot

under the deep shadows of the oppo site shore. Out in the center of the lake we could just distinguish a long towards the entrance to the river, which we so desired to gain.

The guards were rowing rapidly, the oars sounding in the rowlocks, evidently in the belief that we had made for the river. But the Finlander had apparently foreseen this, and for that reason we were lying safe from observation in the deep shadow of an overhanging tree. A gray mist was slowly rising from the water, and the Finn, noticing it, hoped that it might favor

"If we disembark we shall be com pelled to make a detour of fully four days in the forest, in order to pass the marshes," he pointed out in a low whisper. "But if we can enter the river we can go ashore anywhere and get by foot to some place where the lady can lie in hiding."

"What do you advise? We are entirely in your hands. The chief of police told me he could trust you."

"I think it will be best to risk it," he said in Russian after a brief pause. "We will tie up the boat, and I will go along the bank and see what the then, seeing that I had closed with the guards are doing. You will remain here, and I shall not be seen. The and with both hands seized the gun rushes and undergrowth are higher and attempted to wrest it from him. further along. But if there is danger while I am absent get out and go was trying to regain it to fire and so straight westward until you find the guards' boat, rowing with all our raise the alarm. I saw this, and with marsh, then keep along its banks due south," and drawing up the boat to the tripped him, so that he staggered and bank the shrewd, big-boned fellow disappeared into the dark undergrowth.

CHAPTER XII.

Rescued and Lost.

There were no signs yet of the break of day. My ears were strained to catch the dipping of an oar or a voice. beneath the boat there was no other sound. I took the hand of the fair-



With a Sudden and Almost Superhuman Effort I Tripped Him.

faced girl at my side and pressed it. In return she pressed mine. It was

Suddenly I heard a stealthy footlow voice spoke which I recognized as

"There is danger, excellencygrave danger!" he said in a low half whisper. "Three boats are in search of us.

And scarcely had he uttered those words when there was a flash of a rifle Lights appeared in the high windows bullet whizzed past just behind my vista among the tree trunks. "Quick, excellency! Fly! while

> me from the boat, while I, in turn, The three of us, heedless of the con-

to land after us, but our guide, who had been born and bred in these forests, knew well how to travel in a was a race for freedom-nay, for very forest.

ed. They shouted wildly as they sprans

So dark that we could see before us hardly a foot, we were compelled to the door opened there stood upon place our hands in front of us to avoid collision with the big tree trunks, while ever and anon we found ourselves entangled in the mass of dead creepers and vegetable parasites that formed the dense undergrowth. Around us on every side we heard the shouts and curses of our pursuers, while lake we could just distinguish a long above the rest we heard an authorita-boat with three rowers going swiftly tive voice, evidently that of a sergeant of the guard, cry:

"Shoot the man, but spare the wom an! The colonel wants her back. Don't let her escape! We shall be well rewarded. So keep on, comrades! Mene edemmaski!"

But the trembling girl beside me heard nothing, and perhaps indeed it was best that she could not hear.

It was an exciting chase in the darkness, as we gradually circled round our prisoners, for we knew not into what treacherous marsh we might fall. Once we saw afar through the trees the light of a lantern held by a guard. and already the sweet-faced girl beside me seemed tired and terribly fatigued.

At last, breathless, we halted to listen. We were already in sight of the gray mist where lay the silent lake that held so many secrets. There was not a sound. We crept along the water's edge, until in the gray light we could distinguish two empty boatsthat of the guards and our own. We were again at the spot where we had disembarked.

"Let us row to the head of the lake," suggested the Finn. "We may then land and escape them," And a moment later we were all three in the might under the deep shadow of the bank northward, in the opposite direction to the town of Nystad. I think we must have rowed several miles, for ere we landed again, upon a low, flat and barren shore, the first gray streak of day was showing in the east.

Elma noticed it, and kept her great brown eves fixed upon it thoughtfully. It was the dawn for her-the dawn of a new life. Our eyes met; she smiled but beyond the lapping of the water at me, and then gazed again eastward, with silent meaning.

Having landed, we drew the boat up and concealed it in the undergrowth so that the guards, on searching, should not know the direction we had taken, and then we went straight on northward across the low-lying lands, to where the forest showed dark against the morning gray. The mist had now somewhat cleared, but to discover a path in a forest forty miles wide is a matter of considerable diffi-

culty, and for hours we wandered on and on, but alas! always in vain. spring, and all three of us drank eagerly with our hands. But of food we half famished, ate it quickly.

How many miles we trudged I have to mend it, but, having unlaced it, I ing through a chink in the heavy shutsaw that upon her stocking was a ters, turned to us with blanched face. large patch of congealed blood, where whispering breathlessly: her foot itself had also been cut. I "The police! What can they want managed to beat the nails of the shoe of me?" with a stone, so that its sole should "Open!" shouted the horseman outnot be lost, and she readjusted it, side. "Open in the name of his majallowing me to lace it up for her and esty!" smiling the while.

pyriad tree trunks presented the same gasping in Russian: lismal scene everywhere, a forest untrodden save by wild, half-savage lumbermen. My only fear was that we should be compelled to spend another effect might be upon the delicately the only means by which we could ex- reared girl whose hand I held tenderly change confidences. She whom I had in mine. Surely my position was a sought through all those months sat strange one. Her terrible affliction at my side, yet powerless to utter one seemed to cause her to be entirely

dependent upon me. Suddenly, just as the yellow sunstep approaching, and next moment a light overhead had begun to fade, the flat-faced Finn, whose name he had told me was Felix Estlander, cried joyfully:

"Polushaite! Look, excellency! Ah! The road at last!"

And as we glanced before us we saw that his quick, well-trained eyes had detected away in the twilight, at some distance, a path traversing our

Elma made a gesture of renewed the reply. "Have you seen any woman hope, and all three of us redoubled our here?" caused by the escape of the prisoner. there is yet time!" gasped the Finn, pace, expecting every moment to come upon some log hut, the owner of which would surely give us hospitality for the night. But darkness came on quickly, and yet we still pushed forstraight across the lake until we got sequences, plunged forward into the ward. Poor Elma was limping, and I

mpenetrable darkness, just as our knew that her injured foot was painlerce pursuers came alongside where ing her, even though she could tell me we had only a moment ago been seatnothing.

At last we saw before us a light shining in a window, and five minutes later Felix was knocking at the door, and asking in Finnish the occupant circle, and how to conceal himself. It to give hospitality to a lady lost in the

We heard a low growl like a muttered imprecation within, and when at Kajana, and succeeded in releasing the threshold a tall, bearded, muscular old fellow in a dirty red shirt, with a big revolver shining in his hand.



A Tall, Bearded, Muscular Old Fellow, With a Big Revolver,

A quick glance at us satisfied him that we were not thieves, and he invited us in while Felix explained that we had landed from the lake, and our boat having drifted away we had been compelled to take to the woods. The man heard the Finn's picturesque story and then said something to me which Felix translated into Russian,

"Your excellency is welcome to all the poor fare he has. He gives up his bed in the room yonder to the lady, so that she may rest. He is honored by your excellency's pres ence."

And while he was making this ex planation the wood cutter stirred the red embers whereon a big pot was simmering, and sending forth an appetizing odor, and in five minutes we were all three sitting down to a stew of capercailzie, with a foaming light beer as a fitting beverage.

After we had finished our meal I asked the sturdy old fellow for a penourage. Fortunately we found a little was a stick of thick charcoal, and with that it was surely difficult to communicate with our fair companion. There- ture the girl with whom, I frankly adhad nothing, save a small piece of fore she rose, gave me her hand, meal, and this we gave to Elma, who, while we threw ourselves wearily upon what could be the truth of Elma's dis-

idea. Elma's torn shoe gave her we were startled by a loud banging at victim to some ingenious and dasconsiderable trouble, and noticing her the door, the clattering of hoofs, and tardly plot. That gray dress of hers limping, I induced her to sit down authoritative shouts in Russian. The might, I recollected, betray her if she while I took it off, hoping to be able old wood cutter sprang up, and, look-

Felix made a dash for the door of Forward we trudged, ever forward, the inner room, where Elma had recross that enormous forest where the tired, but next second he reappeared.

> "Excellency! Why, the door is open! the lady has gone!"

"Gone!" I cried, dismayed, rushing into the little room, where I found the night without shelter, and what its truckle couch empty and the door leading outside wide open. She had actu-

ally disappeared! The police again battered at the opposite door, threatening loudly to break it in if it were not opened at once, whereupon the old wood cutter drew the bolt and admitted them. Two big, hulking fellows in heavy riding coats and swords strode in, while two others remained mounted outside, holding the horses.

"Your names?" demanded one of the fellows, glancing at us as we stood

together in expectation. Our host told them his name, and asked why they wished to enter. "We are searching for a woman who has escaped from Kajana," was

"No," responded the wood cutter. 'We never see any woman out in

these woods." "Who is your chief?" I inquired, as sudden thought occurred to me. "Melnikoff, at Helsingfors."

Abo !" But what difference does it

make? Who are you?" "Gordon Gregg, British subject,"

"And you are the drosky driver from Abo," remarked the fellow, turn-ing to Felix. "Exactly as I thought You are the pair who bribed the nun the Englishwoman. In the name of the czar, I arrest you!"

The old wood cutter turned pale as death. We certainly were in grave peril, for I foresaw the danger of falling into the hands of Baron Oberg, the Strangler of Finland. Yet we had a satisfaction in knowing that, be the mystery what it might, Elma had escaped.

"And on what charge, pray, do you presume to arrest me?" I inquired as coolly as I could.

"For aiding a prisoner to escape." "Then I wish to say, first, that you have no power to arrest me; and, secondly, that if you wish me to give you satisfaction, I am perfectly willing to do so, providing you first accompany me down to Abo."

"It is outside my district," growled the fellow, but I saw that his hesitancy was due to his uncertainty as to who I really might be.

"I desire you to take me to the Chief of Police Boranski, who will make all the explanation necessary. Until we have an interview with him, I refuse to give any information con cerning myself," I said.

"But you have a passport?" I drew it from my pocket, saving: "It proves, I think that my name is what I have told you."

The fellow, standing astride, read it, and handed it back to me, "Where is the woman?" he demanded. "Tell me."

"I don't know," was the reply. "Perhaps you will tell me," he said, turning to the old wood cutter with a sinister expression upon his face. "Remember, these fugitives are found in your house, and you are liable to

arrest." "I don't know-indeed I don't!" protested the old fellow, trembling beneath the officer's threat. Like all his class, he feared the police, and held them in dread.

"Ah, you don't remember, I suppose!" he smiled. "Well, perhaps your memory will be refreshed by a month or two in prison. You are also arrested.'

"But, your excellency, I-" "Enough!" blared the bristly officer. You have given shelter to conspirators. You know the penalty in Fin-

land for that, surely?' "But these gentlemen are surely not conspirators!" the poor old man pro-

tested. "His excellency is English, and the English do not plot." "We shall see afterwards," he

laughed. A dozen times was the old wood cutter questioned, but he stubbornly refused to admit that he had ever set eyes upon Elma. I knew, of course, Faint and hungry, yet we still kept cil, but the nearest thing he possessed by what we had overheard said by the prison guards, that the governor general was extremely anxious to recapmit, I had now so utterly fallen in hard rye bread which the Finn had in bowed smilingly, and then passed into love. And it appeared that no effort his pocket, the remains of his evening the inner room and closed the door, was being spared to search for us. But the wooden benches and slept soundly. appearance? Had she fled of her own Suddenly, however, at early dawn, accord, or had she once more fallen a dared to venture near any town, while her affliction would, of itself, be plain evidence of identification. All I hoped was that she had gone and hidden herself in the forest somewhere in the vicinity to wait until the danger of

> recapture had passed. For as long as possible I succeeded in delaying our departure, but at length, just as the yellow sun began to struggle through the gray clouds, we were all three compelled to depart in sorrowful procession.

At nine o'clock I stood in the big. bare office of Michael Boranski, where only a short time before we had had such a heated argument. As soon as the chief of police had entered, he recognized me under arrest, and dismissed my guards with a wave of the hand-all save the officer who had brought me there. He listened to the officer's, story of my arrest without saying a word.

(TO BE CONTINUEDA

Audacity of Woman Spies.

A climax to the audacity of spies is said to have been reached in the case of a woman pretending to be English and giving her name as Miss Booth, who, in connection with another woman calling herself Baroness de Rosen. organized a charitable work at the Gare du Nord, in Paris, which they called "For the Wounded and for the Refugees." The former, suspected of illicit communication with the Germans, passed before a court-martial and was sentenced to two years' imprisonment, while the latter, against whom no tangible proof could be produced, was invited to leave French territory within 48 hours.

amazing speeds, man will pit his ingenuity. It is clear that he cannot fight them from the earth; he must fight them high in their own element So in the future, if wars continue, we may have fearful struggles of the air-not small and isolated combats, such as this campaign has shown us, but battles desperately waged, with death and destruction raining from the clouds. There are those, however, who argue that such a form of war, when pushed to its ruthless limit, will prove so ghastly that humanity will revolt, and that the science that revolutionizes war will also end it.

Nawnschimund, "the place from which we were driven away." The Flint, in Perwonigo, "the river of the flint," from the abundance of this stone on its banks. Humboldt river, in Nevada, was named by Fremont in honor Baron Humboldt



# Why the Wives of Consuls Are Important Now

WASHINGTON.—Nowadays, before sending anybody out in the diplomatic and consular service, the state department takes especial care to inquire nto the antecedents of the wife of the appointee, if he has one. It does not

do for an American in the service. even if his own blood be American beyond question, to have a wife who of foreign extraction or once or twice removed. The European war will not tolerate such. The state department was recently taught the lerson through the se-

lection of an American who had

passed a splendid examination and who was assigned to an English post in the consular service. The selection seemed impeccable, but no one, thought of the man's wife, for to all appearances she seemed as good an American as he. The English government, however, was not so careless and no sooner had the consul and his wife appeared on English soil than the American government was informed that they were persona non grata on

account of the German extraction of the consul's wife. There was nothing else to do but to recall them. They were on British soil just one week, As the compensation for traveling in the consular service is only five cents a mile, the journey of this couple has proved quite expensive, to say nothing of the humiliation the incident imposed. Meantime the state department has provided a place for the consul in the service in Washington until an opening shall occur at a post not involved in the war. And these are

Crows Fight Fiercely in White House Grounds

A VICIOUS fight between two crows in the White House grounds attracted such a large crowd that Policeman Gus Schraeder had to interpose and almost club the two birds before he could induce them to break away. One

had the other by the neck and was trying to pull his head off when Schraeder stood over the two and flourished his arms and club in such a threatening way that the grip was released and the two flew off to trees close by, making a terrible clatter about the affair.

not now many.

Several families of crows have for years flourished in the White House grounds, but they seem to have formed a combination to keep other birds out of the good things

they enjoy there. According to Schraeder, who is not stuck on crows, either, a big male crow from some other reservation ventured into the White House grounds and was promptly tackled. He was game, too, and the fight started.

Persons passing along began to stop to watch the battle, and the crowd grew to large proportions. Teamsters and automobile drivers stopped their vehicles and joined the throng. Schraeder was some distance away and did not notice what was going on until the crowd grew into large proportions. Then he hustled down to the scene and went for the birds, which paid no attention to him until he actually stood over them and flourished his arms in a menacing manner.

Oldest employees of the White House grounds, where birds of all kinds make their home, never saw or heard of such a bloody scrap among feathered fighters. Crows are generally credited with being the most cowardly and cautious of all birds, and are easily whipped by a small bee marten, from which they will flee for miles if pursued. Schraeder has been much perturbed over the affair, fearing that it is a bad omen of some kind.

### Moon Myths Shattered by Houston's Department

THE department of agriculture has smashed another tradition by declaring that from a scientific standpoint the moon has no more to do with the growing of crops than it has upon the temperature, the amount of rain, the wind, or any other element of weath-



This will be a severe blow to those who have believed that potatoes in order to be a successful crop. should be planted during certain phases of the moon, or that garden truck flourishes more readily under moon influence when planted right.

The department points out that growth of plants depends upon the amount of food in the soil and in the air that is available for them, and upon temperature, light and moisture.

The moon gives no virility to soil, neither does it affect the composition of atmosphere, hence the only remaining way by which it could influence plant growth is by its light. Experiments have shown that full daylight is about 600,000 times brighter than full moonlight, yet when a plant gets one-onehundredth part of normal daylight it thrives little better than in total darkness. If one-one-hundredth part of normal daylight is too little to stimulate a plant, the department says that it is certain that one-six-hundredth part would impart no benefit at all.

It is added that it is a waste of time to think about the moon in this connection with the planting of crops, since it has no more to do with this than it has with the building of fences, the time for killing hogs, or any other of the innumerable things over which it was once supposed to have strong

# Music in Canoes Charms Potomac River Fishes

rUSIC hath charms for fish, according to an expert of the bureau of M fisheries, and if that is true fishing should be good in the Upper Potomac this summer. However, the bureau of fisheries has not installed brass bands or player planes at points along the shore for the benefit of Washington's

anglers. If the fish bite better during the summer the fishermen should thank the sentimental young folk, who have discovered a summer substitute for the tango dance hall. They have placed graphophones in their canoes, and one strolling along the banks of the river above the Aqueduct bridge these evenings hears soft strains rising here and there on the black surface.

The first news of Dan Cupid's latest innovation on the water alarmed the hundreds of worm diggers, who have passed the sentimental age and care not for the needs of the "spooners." They began to say one to another: These pesky talking machines will frighten the fish to other waters and

our fishing days will be over." But the official of the bureau of fisheries disagreed with them when he heard of their pitiful wail, and reassured them, saying: "We have found that soft strains of music on the water do not frighten the fish, but on the contrary, may charm and draw them nearer." He would not promise that

the fishermen's nets would be filled to the breaking point, as told in the Bible, but he at least dispelled their fears. Peculiar Power of the Iris. Real Highbrow The head of a big New York busi-The proof that the iris is a color mirror is to be found in the fact that

if a girl with pale blue eyes wishes to make them deep or ultra-marine blue, dresses, neck ribbons, bat and other eyes, she should wear all white or In fine, not only do the eyes fade and change color physiologically and alter the native tints by all sorts of uman artifice.

ess concern is exceptionally tall and his height is further accentuated by his exceeding slimness. The other all she needs do is to wear dark blue day a visitor from the South called to see him and was duly asked to sit blue raiment. On the other hand, if down. After they had concluded their she wishes to lighten the colors of her business the visitor rose to go and his host rose also, and seemed to rise and pale yellow. Similarly black clothes rise. The Southerner, letting his and dark garments make gray and glance travel upward, as though innasel or light brown eyes very dark. specting a new species of skyscraper, and with an expression of awed admiration, ejaculated: "Great Scott, old intrinsically, but they can be made to man, your parents must have trained you on a trellis!"-Pittsburgh Chronicle-Telegraph.

#### CHANGES WROUGHT BY WARI various kinds of games.

"Tommy Atkins" of Today is a Different Being From His Prototype of a Few Years Ago.

The old pouter-pigeon type of British soldler, with his ramrod deportment and feet at impossible angles, is now as obsolete as his red coat. This change is evident, not only in the training of the new army, but in the royal cadet schools at Sandhurst and Woolwich. Alertness and agility mental and physical, are now aimed for instead of physical rigidity and nanical precision as in the old

Swedish exercises have taken the of conventional calisthenics. About the only piece of apparatus left the Sandhurst gymnasium is the dded borse. Parallel bars, rings. eavy dumb-bells and pulley exercises have been sent away. Now the ca-dets are taught what is known in At the rate of 30,000 bees to the hive, the walls and jumping safely to the the other 28,000 launched by a skill- imal, and is not perceptible.—John and, skipping the rope and playing ful hand on the enemy will cover them. Burroughs in the Yale Review.

One reason why the pouter chest An overdeveloped chest is health. held to be dangerous, as it invites pneumonia and other troubles. Men on the march are allowed to unbutton their coats and make themselves comfortable, but smoking at such times is discouraged by the medical audier on parade has also been made normal and natural.

Beehive Bombs.

A French genius has recently offered an idea which he is confident will be more effective against the enemy than bombs dropped by an avia-"Instead of arming our aviators with bombs, which are seldom effective, we should do better beehives," says this patriot. "Let each aviator carry one or two hives eir slang as monkey tricks, such one may count that about 2,000 will fuls we should have! But the heat, at high speed, and will rush through walking on top of high and narrow be killed or stunned by the fall; but as well as the particle, is infinites: the air as a speed of several hundred

in an instant with innumerable stings | MAY MEAN END OF ALL WAR | monsters of the air, flying at their and put every combatant out of the has gone out of style is its menace to fight for several days. Then our men would have nothing to do but to end them or capture them." Commenting on this proposal, which evidently is made in all seriousness, a witty Frenchman says: "The inventor does not say what would happen if a misdirected hive should fall in a French thorities. The deportment of the sol- trench. If the bees were loyal they would make the salute military and buzz the 'Marseillnise.' '

In Every Drop of Water.

In every drop of water we drink, and in every mouthful of air we breathe, there is a movement and collision of particles so rapid in every econd of time that it can only be exnaughts. If the movement of these particles were attended by friction, or if the energy of their impact were translated into heat, what bot mouth-

Development of Destructive Airship Sure to Have Powerful Effect on Humanity.

The difficulty of properly arming and protecting aircraft lies in the fact that we cannot yet obtain sufficiently powerful engines - even though, in the course of a few years, the engines have increased in horse power from about fifty to two hundred, says Claude Grahame-White in the Youth's Companion. But when we look ahead, and estimate what may be possible with a power plant, not of hundreds of horse power, but of thousands, then we can imagine a perfected war machine, of the fu ture-a huge armored craft, that car ries a crew of hundreds of men, and that is equipped with formidable guns and aerial torpedo and bomb-dropping tubes. Such a vessel will be able to reef its wing surface when traveling at high speed, and will rush through

miles an hour. But even against such metal-built

River Names. Virginia, is from the Indian Michigan, was called by the India